

FIG. 1



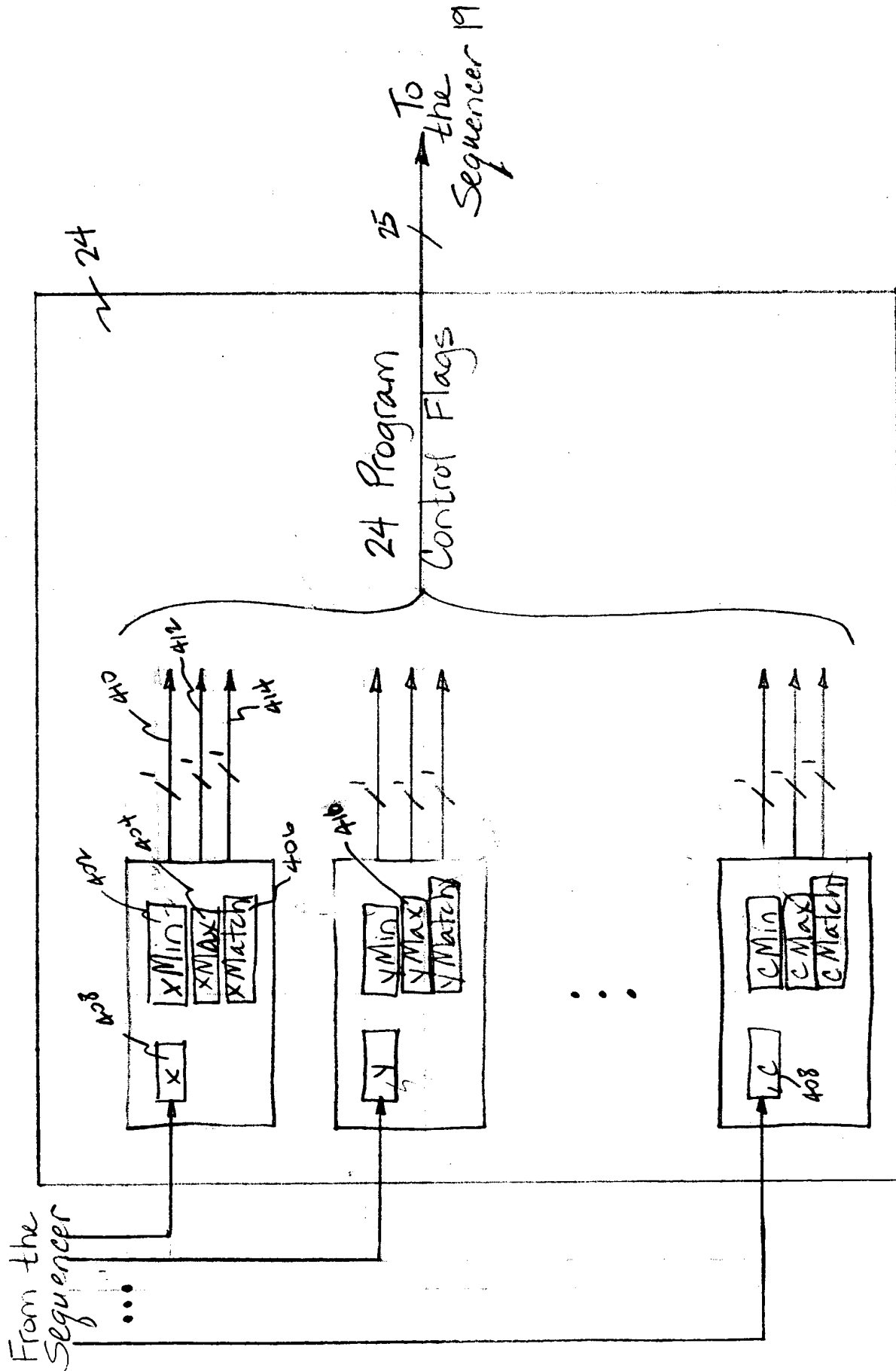


FIGURE 4

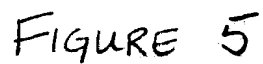


FIGURE 5

```

600 { x=0, y=0, dl=0, dh=0;
      xmin=0, ymin=0;
      xmax=50, ymax=100;
      amax=3, bmax=3, cmax=3, a=0, b=0, c=0;
602 LOOPY:
      LOOPX: — 604
          dl=dl+5; — 606
          ++x, jump (!xmax) LOOPX; — 608
          dh=dh+10, x=0; — 610
          ++y, jump (!ymax) LOOPY; — 612
614 a++, b++, c++, y=0;
      jump (amax & bmax & cmax) LOOPY; — 616
      quit — 618
  
```

Figure 6

502 703 704

	Branch 0	Branch 1	Branch 2	Branch 3
Register N_0	0x22 <u>702</u>	0x3F	0x3F	0x3F
Register N_1	0x25 <u>706</u>	0x3F	0x3F	0x3F
Register N_2	0x11 <u>710</u>	0x14 <u>712</u>	0x17 <u>714</u>	0x3F <u>716</u>
Register N_3	0xXX	0xXX	0xXX	0xXX
Register N_4	0xXX	0xXX	0xXX	0xXX
.	0xXX	0xXX	0xXX	0xXX
Register N_31	0xXX	0xXX	0xXX	0xXX

Figure 7

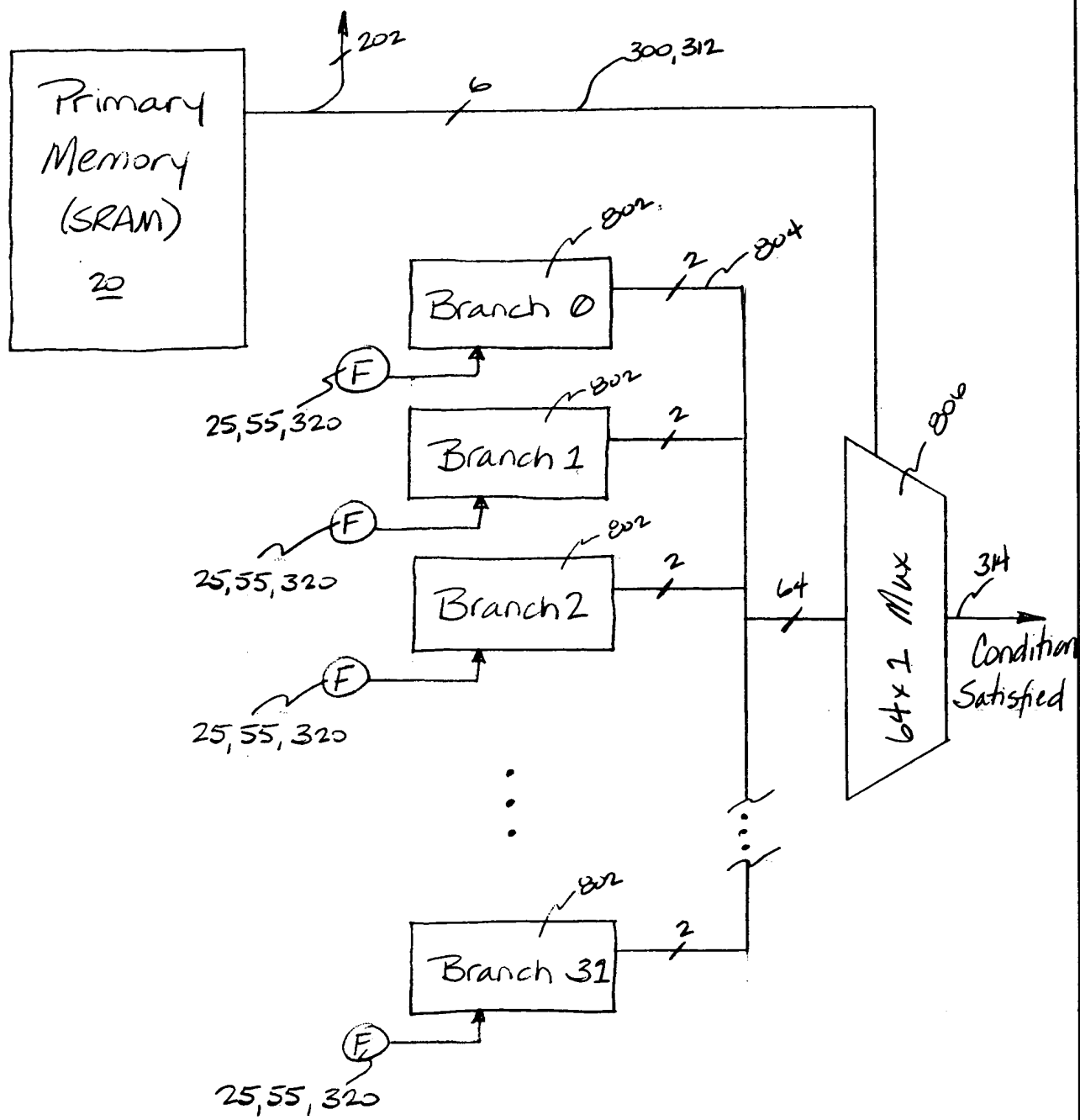


FIGURE 8



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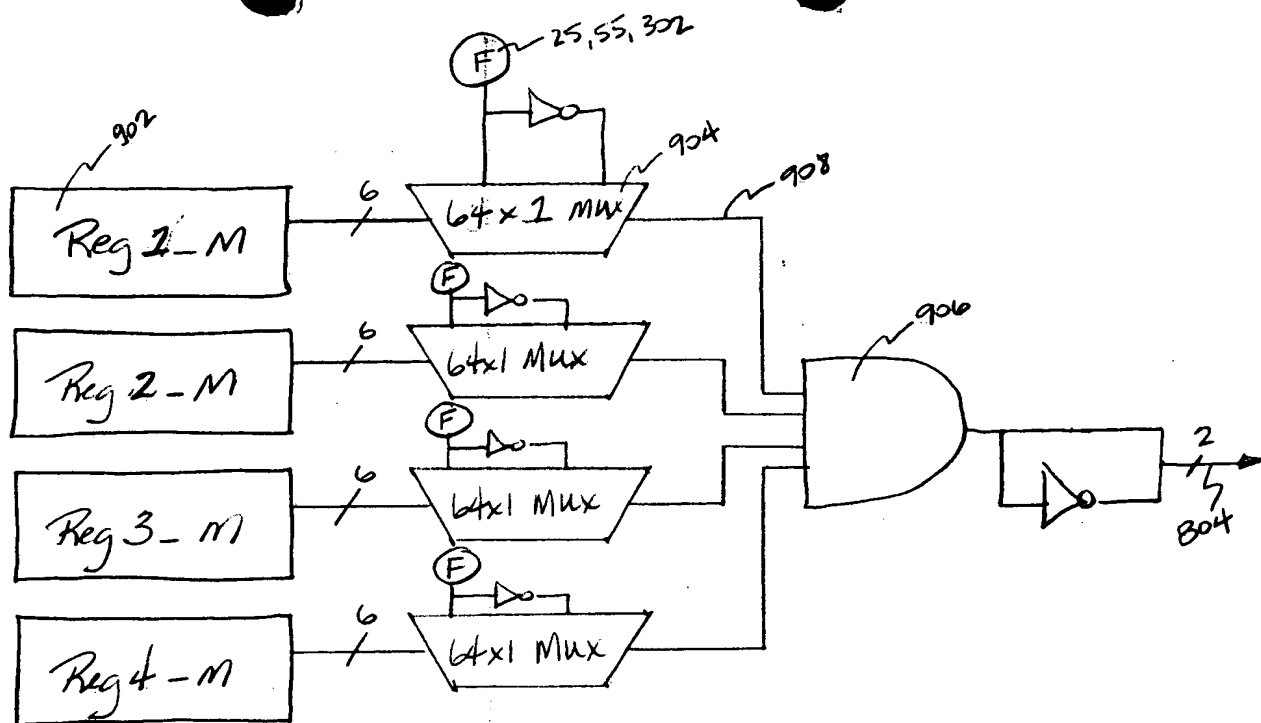


FIGURE 9